Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 16 May 2023 until 23:59 on Wednesday 17 May 2023

Forecast Issued on Tuesday 16 May 2023 at 04:35

Confidence: High confidence for predominantly fine, dry and settled conditions this week, with some chilly nights. Lower confidence in regards to precipitation details.

Headline for Tuesday 16 May 2023: Largely dry with sunny spells. Chance of well-scattered showers in the afternoon. Breezy and feeling chilly on the summits.

Mountain weather hazards on Tuesday 16 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	10%	<05%	<05%

Forecast for Tuesday 16 May 2023

Weather: Clear spells through the early hours, perhaps with isolated mist or shallow fog patches forming in the valleys. Fair-weather cloud will build through the morning to give an afternoon of variable cloud with bright or sunny spells. Scattered showers developing through the afternoon, particularly towards eastern Dales. Breezy across the summits.

Chance of cloud-free hill tops above 600m: 80%.

Low Cloud and visibility: Chance of patchy scattered to broken cloud obscuring highest summits around 600m for a time this morning as cloud develops. Cloud is expected to lift clear of summits by mid-morning, but may deteriorate in the vicinity with any heavier showers. Any isolated mist and fog patches resulting in pockets of poor to very poor visibility in the early hours. Visibility generally very good or excellent, but moderate to poor in afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 16 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SW	16/21 W	13/19 NW	15/22 NW	15/21 NW	9/15 NW	6/10 NE
300	9/19 NW	12/21 NW	11/19 NW	12/22 NW	11/22 NW	6/14 NW	3/7 N
Valley	1/7 NW	8/15 W	11/22 NW	10/20 NW	9/18 W	4/11 NW	3/7 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	6/2	9/6	8/5	8/5	7/4	5/3
300	6/4	10/8	12/10	12/10	11/9	8/7	6/5
Valley	7/6	12/10	13/11	12/11	13/11	8/7	8/7
Freezing Level*	1200m	1300m	1500m	1600m	1600m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Spells of strong sunshine with Moderate to High UV levels. There will be a wind chill across higher routes, especially during the morning; extra layers are recommended if spending time on summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 16 May 2023	0mm	0.2mm	0.2mm

Forecast for Wednesday 17 May 2023

Weather: Variable amounts of cloud with clear spells likely overnight, especially in the west. Any early mist or fog patches in the valleys will soon clear. Fair-weather cloud will bubble up through the morning with the odd afternoon shower possible. Plenty of late sunshine as cloud clears by late afternoon. Winds lighter than Tuesday. Cold overnight.

Maximum wind: West or northwest 12-18mph.

Chance of cloud-free hill tops above 600m: Above 90% throughout.

Low Cloud and visibility: Cloud may briefly obscure higher summits as it develops with bases lifting clear of summits by mid-morning. Poor or very poor visibility in any early mist or fog. Generally very good visibility with clear views of distant hills, moderate in any showers that develop.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 16 Celsius in the afternoon.
At 600m: Plus 4 Celsius, rising to Plus 10 Celsius in the afternoon.
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.